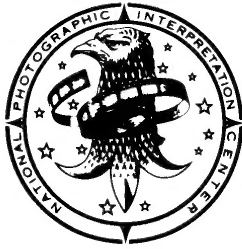


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**P**HOOTOGRAPHIC  
**I**NTERPRETATION  
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## **SUMMARY OF 1978 CRUISE MISSILE ACTIVITY, PRC (TSR)**

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## SUMMARY OF 1978 CRUISE MISSILE ACTIVITY, PRC (TSR)

1. (TSR) A high level of cruise missile (CM) activity (Figure 1) continued throughout the People's Republic of China (PRC) during 1978. During the year, the first three STYX sites in the south were observed under construction on Hainan Island; the second mobile cruise missile site in the PRC was observed in a fully operational status on Shantung Peninsula in the north; type C crates were seen at a cruise missile depot for the first time; three cruise missile support facilities were identified as cruise missile depots; and a large inland cruise missile support facility was identified as a cruise missile regimental headquarters.



FIGURE 1. LOCATION OF SELECTED CRUISE MISSILE SITES IN THE PRC

Table 1. Selected Cruise Missile Sites in the PRC

(Items keyed to Figure 1)

This table in its entirety is classified SECRET

Item	Installation Name and BE Number	Item	Installation Name and BE Number	
1	Chin-hsi SSM R&D Test Complex [redacted]	7	La-tung CM Depot [redacted]	25X1
2	Chin-huang-tao CM Depot [redacted]	8	Hai-tan CD Site CM TSR [redacted]	25X1
3	Mou-ping CD Site CM TSR [redacted]	9	Lien-tai-hsiang Prob CD Site CM TSR [redacted]	25X1
4	Wen-teng CM Support Facility (Wen-teng CM Regimental Headquarters) [redacted]	10	Lin-kao Prob CD Site CM TSR [redacted]	25X1
5	Chiang-ko-chung Naval Ammunition Depot [redacted]	11	Pei-li Prob CD Site CM TSR [redacted]	25X1 25X1
6	Shang-jao CM Depot [redacted]	12	Nan-chang Airframe and Missile Plant 320 [redacted]	25X1 25X1 25X1

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2. (TSR) Three hardened STYX coastal defense (CD) missile sites were identified under construction on Hainan Island in August and in September 1978; the sites are Lien-tai-hsiang Probable CD Site CM Tactical Short Range (TSR), Lin-kao Probable CD Site CM TSR, and Pei-li Probable CD Site CM TSR. A similar signature has been observed at each of the three sites. This signature includes four firing positions under excavation on a hill, a radar pad on top of the hill,

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and an access road around the front of the firing positions which connects them to a rear entry tunnel under construction (Figure 2). A support area which was being excavated is on a hill adjacent to each site. Battalion-sized troop housing is connected to each of the probable sites by hard-surfaced roads.

3. (S/WNINTEL) The first field-deployed mobile cruise missile (CSSC-2) soft site in the northern PRC was identified on imagery of [redacted] (The only other known soft site, Hai-tan CD Site CM TSR, is on Hai-tan Island.) This new field-deployed site, designated Mou-ping CD Site CM TSR by NPIC, is on a hill 19 nautical miles southwest of Yen-tai. The site consists of

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a hard-packed, probable gravel road with four circular firing positions along it (Figure 3). A Yen-tai A radar pad is approximately 600 meters west of the firing positions.

4. (TSR) [REDACTED]

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[REDACTED] Previously the type C crate had only been seen at Nan-chang Airframe and Missile Plant 320, at Chin-hsi SSM Research and Development (R&D) Test Complex, and at Chiang-ko-chuang Naval Ammunition Depot, all of which are in the Po-hai Gulf area of the North Sea Fleet. Since the Chin-huang-tao facility is the major STYX depot serving the North Sea Fleet, the sighting of three type C crates there strongly suggests that the missile within the crate is ready either for fleet deployment or for the spring 1979 cycle of Po-hai Gulf cruise missile testing.

5. (S/WNINTEL) Three cruise missile support facilities—the Chin-huang-tao CM Depot, the Shang-jao CM Depot, and the La-tung CM Depot—were identified as the major cruise missile depots for the North, East, and South Sea Fleets, respectively. This identification was made on the basis of the location and on the quantity and type of cruise missile crates seen at each facility. Since STYX missiles are very rarely seen outside their crates, it is the presence, number, and type of STYX crates that are used to gauge activity levels at STYX installations. Large numbers of cruise missiles for the naval, mobile, and coastal defense units in its fleet area are handled and stored at each depot. Type A (CSSN-1) cruise missile crates were seen for the first time at Chin-huang-tao on [REDACTED] at Shang-jao on [REDACTED] and at La-tung on [REDACTED]. Prior to those dates the depot functions were probably divided between the production plants and the cruise missile facilities supporting the vessels for which the CSSN-1 is produced.

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6. (TSR) On the basis of detailed analysis, Wen-teng CM Support Facility is being re-named the Wen-teng CM Regimental Headquarters (Figure 5). Several STYX missile transporters and STYX crates have been seen in the support area at this installation. STYX missile transporters, unlike STYX crate transporters, have only been seen at installations associated with mobile STYX units and at some hard sites that use missile transporters for reloading. These transporters have not been seen at cruise missile support facilities. Additionally, a comparison of the physical layout of the Wen-teng Regimental Headquarters with that of similarly configured strategic missile regimental headquarters and local ground force regimental headquarters revealed signatures that are common to both and warranted the redesignation.

## OUTLOOK

7. (TSR) The PRC will probably continue to expand its cruise missile network throughout 1979. It is expected that the remaining three hard sites under construction in the north will become operational, that one or more hard/soft (mobile unit) sites will be established in the North and East Sea Fleet areas, and that continued deployment of the type C crate will occur. As production of mobile cruise missile equipment continues, identification of additional cruise missile garrisons is anticipated. Further expansion of the PRC naval missile boat force, of the main surface missile force, and of the ancillary support installations is also expected to continue.

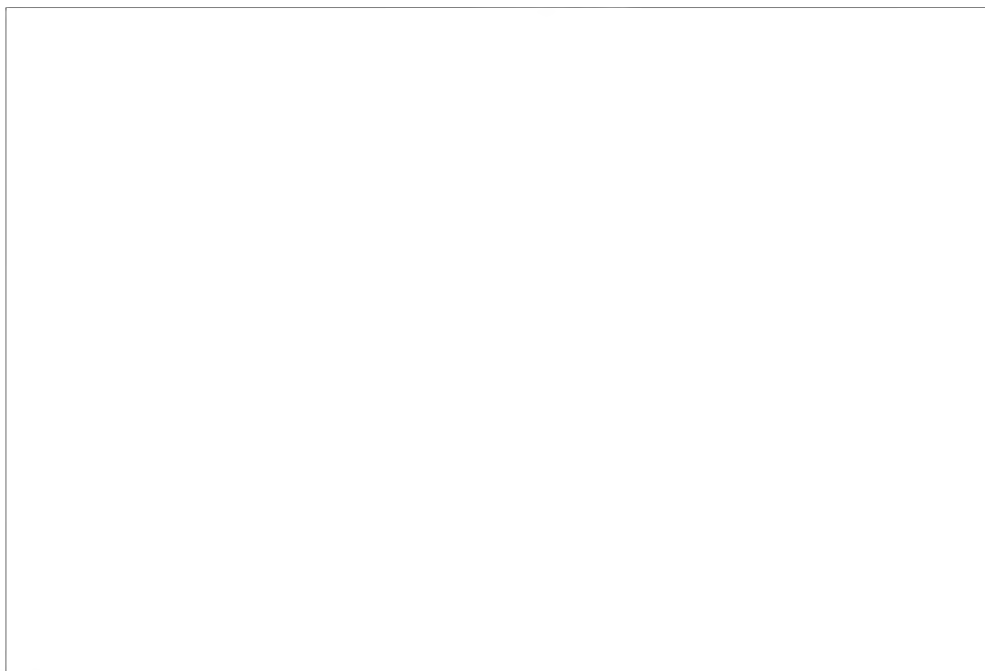
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**REFERENCES**

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**MAPS OR CHARTS**

DMA. US Air Target Chart, Series 200, Various Sheets, scale 1:200,000 (UNCLASSIFIED)

**REQUIREMENT**

Project 130044NJ

(S) Comments and queries regarding this report are welcome. They may be directed to [redacted]  
Asian Forces Division, Imagery Exploitation Group, NPIC, [redacted] Assistance was also  
provided by [redacted]

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